

Claim Amendment under 37 C.F.R. §1.121

Claims 1–4. (Canceled)

Claim 5. (New) A pipe fixing system for accommodating and fixing a pipe, comprising:
a body (20) having a stopping part (21) formed on the lower portion of the inside thereof configured to stop the pipe (10) inserted into the body (20), a tapered part (22) having an inner hollow portion and a diameter gradually narrowed toward the upper end of the body (20), and an inlet (23) formed by bending an upper end of the tapered part (22) in an “L” shape configured to insert the pipe (10) and provided with at least three bolt holes;
fixing chips (24) mounted in the inner hollow portion of the tapered part (22) of the body (20), and each of the fixing chips (24) comprising at least one bolt hole formed vertically therein; and
bolts (25) inserted through the bolt holes of the inlet (23) and the bolt holes of the fixing chips (24).

Claim 6. (New) The system of claim 5, wherein the fixing chips (24) function as wedges in such a manner that the fixing chips (24) are interposed between the tapered part (22) of the body (20) and the pipe (10) and are lifted up when the bolts (25) are tightened.

Claim 7. (New) The system of claim 5, wherein the fixing chips (24) are formed in such a manner that the upper portions thereof are narrow and the lower portions thereof are wide so as to correspond to an interior of a shape of the tapered part (22).

Claim 8. (New) The system of claim 5, wherein the number of the fixing chips (24) is three.

Claim 9. (New) The system of claim 5, wherein inside surfaces of the fixing chips (24) in tight contact with the pipe (10) are each provided with a threaded portion to maximize frictional force, so that the pipe (10) is not removed in a direction opposite to an insertion direction.

Claim 10. (New) The system of claim 5, wherein two bolts are inserted through each of the fixing chips (24) to prevent instability, which may occur during bolt tightening, when the fixing chips (24) are long.

Claim 11. (New) The system of claim 5, wherein the body (20) further comprises a fixing plate (27) that is formed around a lower end of an outside of the body (20) to be fastened to concrete using fastening means such as bolts.

Claim 12. (New) A pipe connecting system, comprising:
at least two pipe fixing systems, each of the pipe fixing systems comprising:
a body (20) having a stopping part (21) formed on the lower portion of the inside thereof for stopping the pipe (10) inserted into the body (20), a tapered part (22) configured to have an inner hollow portion and a diameter gradually narrowing toward an upper end of the body (20), and an inlet (23) formed by bending at an end of the tapered part (22) in a “L” shape for receiving the pipe (10) and provided with at least three bolt holes;
fixing chips (24) mounted in the inner hollow portion of the tapered part (22) of the body (20), and each provided with at least one bolt hole formed vertically therein; and
bolts (25) inserted through the bolt holes (26) of the fixing chip (24),
wherein the two pipe fixing systems are integrally connected to each other and the inlets (23) of the pipe fixing systems are arranged opposite to each other.

Claim 13. (New) The system of claim 12, further comprising rubber packings (28) that are mounted in insides of lower ends of the tapered parts (22) of the two pipe fixing systems to maintain a seal.